

UBC/UMC

the undergraduate mathematics colloquium

bennett ▪ homsy ▪ peirce ▪ johnson-leung ▪ hamieh ▪ duncan

Alia Hamieh: *The Congruent Number Problem*

A positive rational number is said to be congruent if it is the area of some right triangle with rational sides. The question of determining whether a given number is congruent is called the congruent number problem. This is a thousand-year-old unsolved problem in number theory. In this talk, we present a detailed description of this problem and discuss its connection with the theory of elliptic curves.

UBC/UMC is on **wednesday**, march 31
3:00 to 4:00 in **MATH 105**
drinks and snacks will be provided

for more information check out www.math.ubc.ca/~fsl, and follow the link at the bottom